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RAW SEQUENCE LISTING DATE: 05/16/2002 PATENT APPLICATION: US/09/855,632A TIME: 17:00:09

Input Set : A:\Reiterd4.app

Output Set: N:\CRF3\05162002\1855632A.raw

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3 <110> APPLICANT: Reiter, Robert E.
              Witte, Owen N.
      5
              Saffran, Douglas C.
              Jakobovits, Aya
      8 <120> TITLE OF INVENTION: PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF
     10 <130> FILE REFERENCE: 30435.69USD4
     12 <140> CURRENT APPLICATION NUMBER: 09/855,632A
C--> 13 <141> CURRENT FILING DATE: 2002-05-07
     15 <150> PRIOR APPLICATION NUMBER: 09/564,329
    16 <151> PRIOR FILING DATE: 2000-05-03
     18 <150> PRIOR APPLICATION NUMBER: 09/359,326
     19 <151> PRIOR FILING DATE: 1999-07-20
     21 <150> PRIOR APPLICATION NUMBER: 09/318,503
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    31 <151> PRIOR FILING DATE: 1998-03-10
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    39 <150> PRIOR APPLICATION NUMBER: 60/113,230
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    48 <150> PRIOR APPLICATION NUMBER: 60/228,816
    49 <151> PRIOR FILING DATE: 1997-03-10
    51 <160> NUMBER OF SEQ ID NOS: 27
    53 <170> SOFTWARE: PatentIn Ver. 2.0
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    62 <222> LOCATION: (543)
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- 117 tgcagccagg cactgccctg ctgtgctact cctgcaaagc ccaggtgagc aacgaggact 120
- 118 gcctgcaggt ggagaactgc acccagctgg gggagcagtg ctggaccgcg cgcatccgcg 180
- 119 cagttggcct cctgaccgtc atcagcaaag gctgcagctt gaactgcgtg gatgactcac 240
- 120 aggactacta cgtgggcaag aagaacatca cgtgctgtga caccgacttg tgcaacgcca 300
- 121 geggggeeca tgeeetgeag eeggetgeeg ceateettge getgeteect geacteggee 360
- 122 tgctqctctq qggacccggc cagctatagg ctctgggggg ccccgctgca gcccacactg 420
- 123 ggtqtqqtqc cccaggcctt tgtqccactc ctcacagaac ctggcccagt gggagcctgt 480
- 124 cctqqttcct qaqqcacatc ctaacqcaaq tttqaccatg tatqtttqca ccccttttcc 540

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W--> 125 ccnaaccetg acctteceat gggeetttte caggatteen accnggeaga teagttttag 600 W--> 126 tganacanat ccgcntgcag atggcccctc caaccntttn tgttgntgtt tccatggccc 660 W--> 127 agcattttcc accettaacc etgtgttcag geactintte ecceaggaag cettecetge 720 128 ccaccccatt tatgaattga gccaggtttg gtccgtggtg tcccccgcac ccagcagggg 780 129 acaggcaatc aggagggccc agtaaaggct gagatgaagt ggactgagta gaactggagg 840 130 acaagagttg acgtgagttc ctgggagttt ccagagatgg ggcctggagg cctggaggaa 900 W--> 131 ggggccaggc ctcacatttg tggggntccc gaatggcagc ctgagcacag cgtaggccct 960 132 taataaacac ctgttggata agccaaaaaa aaaaaaaa 998 134 <210> SEQ ID NO: 2 135 <211> LENGTH: 123 136 <212> TYPE: PRT 137 <213> ORGANISM: Homo sapiens 139 <220> FEATURE: 140 <221> NAME/KEY: PEPTIDE 141 <222> LOCATION: (50)..(64) 143 <220> FEATURE: 144 <221> NAME/KEY: PEPTIDE 145 <222> LOCATION: (71)..(82) 147 <220> FEATURE: 148 <221> NAME/KEY: PEPTIDE 149 <222> LOCATION: (67)..(81) 151 <400> SEQUENCE: 2 152 Met Lys Ala Val Leu Leu Ala Leu Leu Met Ala Gly Leu Ala Leu Gln 153 1 155 Pro Gly Thr Ala Leu Leu Cys Tyr Ser Cys Lys Ala Gln Val Ser Asn 156 20 25 158 Glu Asp Cys Leu Gln Val Glu Asn Cys Thr Gln Leu Gly Glu Gln Cys 35 40 161 Trp Thr Ala Arg Ile Arg Ala Val Gly Leu Leu Thr Val Ile Ser Lys 50 162 55 164 Gly Cys Ser Leu Asn Cys Val Asp Asp Ser Gln Asp Tyr Tyr Val Gly 165 70 167 Lys Lys Asn Ile Thr Cys Cys Asp Thr Asp Leu Cys Asn Ala Ser Gly 90 168 85 170 Ala His Ala Leu Gln Pro Ala Ala Ile Leu Ala Leu Leu Pro Ala 171 100 105 173 Leu Gly Leu Leu Trp Gly Pro Gly Gln Leu 174 115 120 177 <210> SEQ ID NO: 3 178 <211> LENGTH: 441 179 <212> TYPE: DNA 180 <213> ORGANISM: Mus musculus 182 <400> SEQUENCE: 3 183 atgaagacag ttttttttat cetgetggee acetaettag eeetgeatee aggtgetget 60 184 ctgcagtgct attcatgcac agcacagatg aacaacagag actgtctgaa tgtacagaac 120 185 tgcagcctgg accagcacag ttgctttaca tcgcgcatcc gggccattgg actcgtgaca 180 186 gttatcagta agggctgcag ctcacagtgt gaggatgact cggagaacta ctatttgggc 240 187 aagaagaaca tcacgtgctg ctactctgac ctgtgcaatg tcaacggggc ccacaccctg 300 188 aagccaccca ccaccctggg getgetgace gtgetetgca geetgttget gtggggetee 360 RAW SEQUENCE LISTING DATE: 05/16/2002 PATENT APPLICATION: US/09/855,632A TIME: 17:00:09

Input Set : A:\Reiterd4.app

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RAW SEQUENCE LISTING DATE: 05/16/2002 PATENT APPLICATION: US/09/855,632A TIME: 17:00:09

Input Set : A:\Reiterd4.app

Output Set: N:\CRF3\05162002\1855632A.raw

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269 Glu Asp Cys Leu Gln Val Glu Asn Cys Thr Gln Leu Gly Glu Gln Cys
             35
                                 40
270
272 Trp Thr Ala Arg Ile Arg Ala Val Gly Leu Leu Thr Val Ile Ser Lys
273
                             55
275 Gly Cys Ser Leu Asn Cys Val Asp Asp Ser Gln Asp Tyr Tyr Val Gly
                         70
                                             75
278 Lys Lys Asn Ile Thr Cys Cys Asp Thr Asp Leu Cys Asn Ala Ser Gly
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                     85
281 Ala His Ala Leu Gln Pro Ala Ala Ala Ile Leu Ala Leu Leu Pro Ala
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300 Arg Asp Cys Leu Asn Val Gln Asn Cys Ser Leu Asp Gln His Ser Cys
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303 Phe Thr Ser Arg Ile Arg Ala Ile Gly Leu Val Thr Val Ile Ser Lys
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306 Gly Cys Ser Ser Gln Cys Glu Asp Asp Ser Glu Asn Tyr Tyr Leu Gly
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307 65
                         70
309 Lys Lys Asn Ile Thr Cys Cys Tyr Ser Asp Leu Cys Asn Val Asn Gly
                     85
                                         90
312 Ala His Thr Leu Lys Pro Pro Thr Thr Leu Gly Leu Leu Thr Val Leu
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330 <210> SEQ ID NO: 9
331 <211> LENGTH: 20
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RAW SEQUENCE LISTING ERROR SUMMARY DATE PATENT APPLICATION: US/09/855,632A

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Input Set : A:\Reiterd4.app

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the $\langle 220 \rangle$ to $\langle 223 \rangle$ fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 543,580,584,604,608,615,636,640,646,697,926

VERIFICATION SUMMARY DATE: 05/16/2002

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Input Set : A:\Reiterd4.app

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:540 L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:600 L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:660 L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:900